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January 19, 2009

To: Carothers Construction

530 E. Grant

Willcox, AZ 85643

Attn: Sam Whitmire

Subject: Certification of Tower Construction/Method of Procedure

Dear Sam:

Please accept this letter as certification that the installation of the self-supporting tower and associated foundations has been completed in accordance with the plans and specifications for the project. The owner may proceed with installation of antennas, dishes, coax and waveguide as required.

We have listed our Method of Procedure for construction of tower foundation and assembly of the Rohn provided self support tower. We will reference Rohn's assembly drawings, foundation design and foundation general notes (FGN) provide. A copy will be attached for your reference.

Excavation

Per foundation design and soil conditions, (foundation general notes, item 11) BCI over-excavated to 9 feet below grade, then replaced 3 feet with Carothers approved structural fill, following compaction requirements. (ref. Foundation Design drawing #Ao8o5745 & FGN, item 10). Required compaction was achieved by using a rolling compactor and proper

amount of water. Western Technologies tested compaction and provided its results to Carothers.

Reinforcing Steel and Concrete

Foundation is a Pier and Pad design. Re-bar was laid out and tied per design for the mat and for all 3 piers. Sonotube, braced with 2x4 lumber, was used for forming the piers. Anchor bolts were set in each pier using a template made by BCI crew to ensure proper spacing of bolts for each tower leg, proper layout of each bolt in reference to all the other bolts, as well as the proper embedment of the anchor bolts in the concrete piers. Carothers inspected and approved the re-bar in the mat and in the piers as properly tied and that the placement of the anchor bolts was per plan. (Foundation Design drawing #8080703). The concrete mix and supplier used were approved by Carothers, and met design specifications. Concrete was placed using a pump truck. Concrete vibrator was used on the entire mat and all 3 piers through the complete pour. Western Technologies was contracted by Carothers to take test samples and to perform test breaks for the concrete strength. (ref. Foundation Design drawing #A0805745 & FGN, items 1-24).

Backfill of Foundation

Spoils from excavation were used as backfill. Using a rolling compactor on 8" lifts and proper amount water, 95% compaction was achieved. Western Technologies did the testing. Grade was left to allow for several inches of Decorative Rock.

Tower Erection

Tower erection was completed following Rohn assembly drawings and requirements. The Rohn 160 ft SST consists of 8-20 ft sections. Each section has 3 legs and a varying number of cross braces, depending on its overall placement in the tower. The tower tapers from the bottom up. The larger diameter legs are at the bottom and progressively get smaller, the higher they go in the tower assembly. Also, the cross bracing corresponds with the larger at the bottom and smaller at the top. The number of cross braces varies from bottom to top as well, with fewer at the bottom and more braces at the top sections. Simply put, you can't put a leg or brace in the wrong place and be able to stack the tower. Each tower section was assembled in a loose fit, on the ground, using A325 bolts/nuts designed to bolt each cross brace and legs together. Loose fit assembly was used to enable the crew more effectively line up bolt holes. (Tower Section Assembly drawings, A080538, A790299, A830395, A790221, A860532, A880602, A861493, A871314) A crane then was used to stack each 20 ft section in its appropriate position in the assembly. A Tower Tech was positioned at each leg, to bolt the tower legs of each section to the next sections legs. Tech's climbed to the top of each leg to be in position for bolting the next section as they were craned into place. Once all sections were stacked in place,

the Tower Tech's climbed down each leg, tightening each bolt on leg and cross braces as they came. We then had them switch to a different leg, and tighten each bolt again as they climbed to the top. Then for a third time, we had the Tech's switch to the leg they had not as yet climbed, and tighten each bolt for a third time. In addition, they installed and tightened the required Pal Nut, as they climbed down. The pal nut is a locking device for the A325 nuts on the tower. It is used in place of a lock washer. (Bolt assembly drawing A790135).

Additional assemblies were installed in a similar method. Climbing Ladder, Cable Ladder, Microwave Mounts, Tie Back Braces and Leg Climb Pegs. (See drawings, C910612, A050723, C821692-1, C821692-2, B651264, C810236).

Grounding and Ground Ring

Ground ring with ground rods was installed, inspected by Carothers and photographed before backfilling of the tower foundation. 10- 10 ft ground rods were driven into the ground at 10ft spacing around the tower foundation. A ring of #2 Solid tinned copper wire was used Cad-Welded to the top of each ground rod to create the ground ring. Leads of #2 solid tinned copper wire from the ground ring were connected to each tower leg and landed on the tower leg ground lug. Also, leads were connected to each of the of the Ice Bridge Posts. An existing 4/0 ground coming from the building, was also connected to the ground ring and to one of the tower legs. This meets the Motorola R56 grounding specs.

Tower Lighting

Tower lighting was provided and installed, consisting of 1-Top light, 3 side lights, each with their own control/power cable and 1- control/power box which is mounted at base of the tower. All was installed per TWR Lighting specifications. Conduit, conductors and power to energize, are to be provided by others.

Should you have any questions or comments regarding this installation, please contact me at your convenience.

Sincerely,

F. Allen Estes

Project Manager, BCI Communications, Inc.